



# UNITED STATES PATENT AND TRADEMARK OFFICE

My  
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,322	06/21/2002	Dieter Arabin	12308/1	5907
26646	7590	05/26/2004	EXAMINER	
KENYON & KENYON ONE BROADWAY NEW YORK, NY 10004				SCHIFFMAN, JORI
ART UNIT		PAPER NUMBER		
		3677		

DATE MAILED: 05/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/031,322	ARABIN, DIETER	
Examiner	Art Unit		
Jori R. Schiffman	3677		MW

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### **Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 12 April 2004.

2a)  This action is **FINAL**.                    2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 4-7 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 4-7 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_ .

4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_ .

5)  Notice of Informal Patent Application (PTO-152)

6)  Other: \_\_\_\_ .

## **DETAILED ACTION**

### ***Response to Appeal***

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn. However, upon further consideration, a new grounds of rejection has been made as follows.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

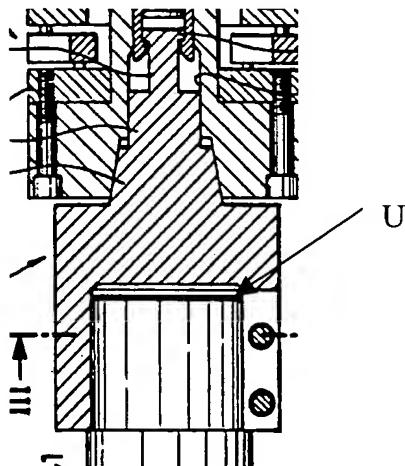
A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 4-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Luebke (US 5137495).

Regarding claim 4, Luebke discloses a drive bearing for printing machines for coupling a rotating tool to a drive shaft of a servomotor comprising an element 4 located at an interface between the rotating tool 1 and the drive shaft 16 on a tool axis, the element having an axially projecting coupling cone 6 that engages a counter recess of the drive shaft, the cone being releasably held in the recess by frictional engagement, wherein an angular position of the element is adjustable, and wherein the element is centered and configured to be secured to prevent rotation.

As to claim 5, Luebke discloses an undercut, labeled as U on the Figure below, on an inner bore of the coupling cone of the element, and a tensioning rod 8 having a spreading head 9, the rod configured to extend through the drive shaft so that the cone frictionally engages the counter recess in the drive shaft in that a releasable holding of the coupling cone latter is provided.



In regards to claim 6, Luebke discloses the drive shaft comprising channels 19 and, that work together along with spring 22 and rod 23 to deliver a pressurized medium to detach the cone, released from the tightening rod from the counter recess in the drive shaft.

Referring to claim 7, Luebke discloses a drive bearing for printing machines for coupling a rotating tool to a drive shaft of a servomotor comprising an element 4 located at an interface between the rotating tool 1 and the drive shaft 16 on a tool axis, the element having an axially projecting coupling cone 6 that engages a counter recess of the drive shaft, the cone tapering down in the direction toward the drive shaft and being releasably held in the recess by frictional engagement, an undercut, labeled as U on the Figure above, on an inner bore of the coupling cone of the element, and a tensioning rod

8 having a spreading head 9, the rod configured to extend through the drive shaft so that the cone frictionally engages the counter recess in the drive shaft in that a releasable holding of the coupling cone latter is provided, wherein an angular position of the element is adjustable, and wherein the element is centered and configured to be secured to prevent rotation.

***Conclusion***

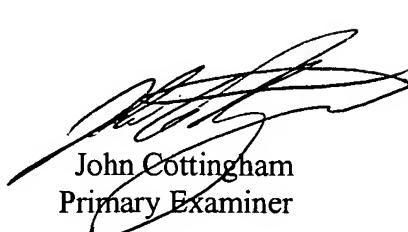
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jori R. Schiffman whose telephone number is 703-305-4805. The examiner can normally be reached on M-Th, and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Swann can be reached on 703-306-4115. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jori R. Schiffman  
Examiner  
Art Unit 3677

JS

  
John Cottingham  
Primary Examiner